

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

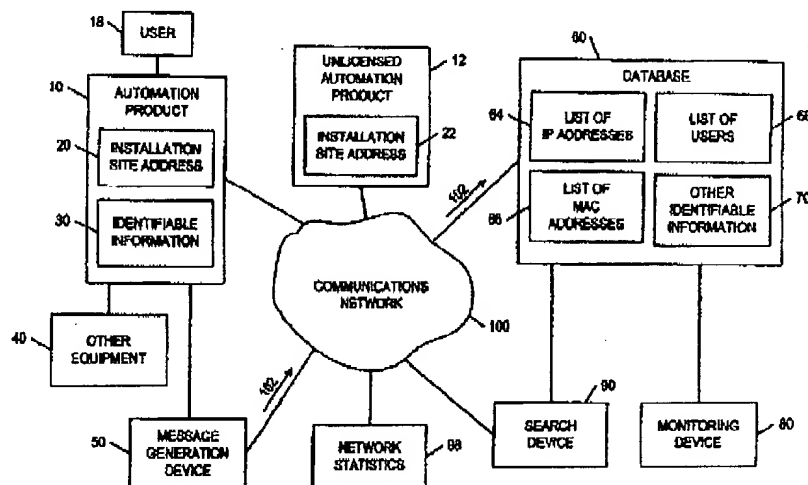
(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
16 May 2002 (16.05.2002)

PCT

(10) International Publication Number  
WO 02/039238 A3

- (51) International Patent Classification: G06F 1/00, H04L 29/06, G05B 19/04 (72) Inventors: BAKER, Richard; 288 Middle Street, West Newbury, MA 01985 (US). MARRACH, Alain; 231 Washington Street, Belmont, MA 02478 (US).
- (21) International Application Number: PCT/US01/44959 (74) Agent: GOLDEN, Larry, J.; General Patent Counsel, Square D Company, 1415 S. Roselle Road, Palatine, IL 60067 (US).
- (22) International Filing Date: 1 November 2001 (01.11.2001)
- (25) Filing Language: English (81) Designated States (national): CA, MX.
- (26) Publication Language: English Published: — with international search report
- (30) Priority Data: 09/711,786 13 November 2000 (13.11.2000) US (88) Date of publication of the international search report: 10 July 2003
- (71) Applicant: SCHNEIDER AUTOMATION INC. [US/US]; One High Street, North Andover, MA 01845 (US). For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: REMOTE MONITORING OF USERS OF FACTORY AUTOMATION PRODUCTS



(57) Abstract: A method and system for monitoring a factory automation product via a communications network. The factory automation product is installed at an installation site having an installation site address and includes identifiable information such as a product number, a version number, a serial number and a MAC address. By obtaining the installation site address and the identifiable information, it is possible to associate the installation site address to the factory automation product based on the identifiable information. Based on the installation site address, it is possible to determine whether the factory automation product is used in violation of license.

## INTERNATIONAL SEARCH REPORT

 Int. Application No.  
PCT/US 01/44959

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 G06F1/00 H04L29/06 G05B19/04		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06F G05B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 940 504 A (GRISHOLD GARY N) 17 August 1999 (1999-08-17)  abstract column 4, line 30-33 column 5, line 19 -column 8, line 39 column 11, line 44 -column 12, line 4 figures 1,2	1-18,20, 22,25, 27,28
Y		10,11, 19,21, 23,24
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art *Z* document member of the same patent family		
Date of the actual completion of the international search 9 April 2003		Date of mailing of the international search report 16/04/2003
Name and mailing address of the ISA European Patent Office, P.O. Box 5818, Paternoster 2 NL - 2200 HV The Hague Tel (+31-70) 340-2040, Tx 31 551 epo nl Fax (+31-70) 340-3010		Authorized officer MESEGUER MAYORAL, J

Form PCT/ISA/210 (Second sheet) (July 1992)

## INTERNATIONAL SEARCH REPORT

Int. Application No.  
PCT/US 01/44959

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 790 664 A (COLEY CHRISTOPHER D ET AL) 4 August 1998 (1998-08-04)  abstract column 4, line 3-65 column 7, line 43 -column 18, line 17 column 20, line 52 -column 21, line 8 figures 1,2	1,2,4,6, 8,9, 12-18, 20,22, 25-28
Y	WO 93 11480 A (INTERGRAPH CORP) 10 June 1993 (1993-06-10) abstract page 5, line 14-20 page 19, line 7; claim 1	10,11, 23,24
Y	WO 99 60459 A (SUN MICROSYSTEMS INC) 25 November 1999 (1999-11-25) page 3, line 20-25 page 6, line 4-14	19
Y	US 5 796 728 A (RODERIQUE WILLIAM J ET AL) 18 August 1998 (1998-08-18) column 2, line 12-21 column 4, line 35-54 figure 1	21

Form PCT/ISA/210 (continuation of second sheet) (July 1999)

## INTERNATIONAL SEARCH REPORT

Information on patent family members

1st Application No

PCT/US 01/44959

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5940504 A	17-08-1999	AU WO 2305292 A 9301550 A1	11-02-1993 21-01-1993
US 5790664 A	04-08-1998	AU WO 2054597 A 9730575 A2	10-09-1997 28-08-1997
WO 9311480 A	10-06-1993	WO US 9311480 A1 5579222 A	10-06-1993 26-11-1996
WO 9960459 A	25-11-1999	AU WO 4083699 A 9960459 A2	06-12-1999 25-11-1999
US 5796728 A	18-08-1998	AU WO 3485297 A 9750216 A1	14-01-1998 31-12-1997

Form PCT/ISA/210 (patent family annex) (July 1992)